Be My Neighbor Day

Summer Camp
Activity Book

PBS Fort Wayne
Welcome to “Be My Neighbor Day” Summer Activity Camp. PBS Fort Wayne, PNC Grow Up Great and Fred Rogers Productions bring Summer Camp to you, our neighbors! Our goal is to provide educational hands-on opportunities for you and your children to safely explore, learn, and grow with these great Summer Camp activities!

OVERVIEW

Day 1: BUGS Let’s go on a scavenger hunt! Today we’re going to find out what bugs live right here in our own backyard. We’ll make a bug craft and show you how to make a snack that looks just like a bug you can eat - AWESOME!
Visit: www.pbs.org/parents and click search in the upper right corner. Type “BUGS” for more fun ideas!

Day 2: BIRDS Today we’re going to decorate our binoculars to go bird watching! Can you find all the birds by sitting quietly in your backyard? Learn how you can attract birds by making your own birdfeeder!

Day 3: SHAPES Learning colors and shapes helps your little one understand math. Help Peg + Cat and you’ll find out that all things can be made with shapes! Head outside and see what shapes you can find. Then, we’ll do a craft and make something cool with shapes!

Day 4: TREES & FLOWERS Learn about the different trees and flowers that are common to Indiana. Did you know that much of the food we eat starts as a seed?

Day 5: SOUNDS Sound is produced when something vibrates. The vibrating causes (water, air, etc.) inside of something to create a sound. We’ll make a musical craft and learn about sound!
Standard Science: Did you know that the more you understand something, the more likely it is you can enjoy it. Bugs are just like that! Let's start with safety: Many bugs should only be observed at a distance: bees, wasps, some ants and a few spiders can all pack a sting - OUCH! Other bugs like beetles, daddy longlegs, butterflies, dragon flies and lightning bugs are all safe to observe up close. Many bugs play an important part in nature by helping plants grow and produce much of what we eat! Bugs can make GREAT NEIGHBORS!

Tools you'll need: Magnifying glass (inside your activity bag) - An observation notebook or paper (all the scientists have them), and this “common bugs” worksheet.

Where to look: Look under stones, boards, or firewood. Under loose bark. Sift through dried leaves and lawn debris on a light colored towel. Examine flowers and plants for hidden insects. Get a parent’s permission and leave a small piece of bread under a tree outdoors and sit quietly and see what kinds of crawly friends will visit!

The Brown Marmorated Stink Bug only stinks if harmed or killed, but... it doesn't bite or cause harm to people, pets, or structures.

Lady Bug/Multicolor Asian Lady Beetle Originally brought from Asia to destroy crop eating pests. The color of the ladybug depends on their diet and region where they live! Although researchers have found some people to have allergies - they are safe to observe up close and personal!

House Centipede (common name) with 15 PAIRS of legs—they can travel at 1.3 feet per second! Here’s the good news: these are the GOOD guys! They're only scary if you are a bed-bug, termite, cockroach, or silverfish. They use their front legs to sting their prey. Then they can carry their prey and hide at the same time!

Check out Daniel & Friends doin' the “Bug Dance”
https://pbskids.org/video/daniel-tigers-neighborhood/2365905663
Head outside to find ALL our bug friends!

**Monarch Butterfly** Easy to identify by their beautiful color. Their color is to warn predators that they don’t taste good and carry poison, caused by the milkweed they eat! Many monarchs travel up to 3,000 miles to migrate to Mexico in the fall.

**Firefly / Lightning Bug** They are not a fly at all! They are beetles. Fireflies are nocturnal which means they only come out at night! You can ensure future generations of fireflies by mowing your lawn less frequently and turning outdoor lights out!

**CRAFT: MAKE A BUG JAR!**

*Materials needed:* Mason jar with screw-on lid or plastic container, a rubberband, wax paper or scrap of fabric, scissors, grass, leaves, and twigs, paper towel, and a bug (ladybug, stinkbug, or any bug).

**SNACK: Make a Bug!**

**Step 1** Make your shopping list: Celery, blueberries or cherry tomatoes, grapes, candy eyes, cilantro (antennae) and cream cheese or peanut butter (or sub for your favorite spread).

**Step 2** Spread your cream cheese or nut butter on celery. Place a grape at the front. Place blueberries or tomatoes in a row behind the grape. Poke holes using toothpicks for cilantro antennae. Use spread to place candy eyes.

**Step 3:** EAT
**Standard Science:** Birds are fascinating animals to watch, and it is fun to learn how to identify them. Today, BIRD is the WORD - we are going to decorate our very own binoculars (this will help you see birds up close when they are far away). We’ll play a matching game and then try to find our feathered friends outside. We’ll even make our very own birdfeeder to see if we can bring them right outside our window!

**Tools you’ll need:** Binoculars, crayons or colored pencils to help us decorate them, and bird seed (inside your activity bag). You will need an empty toilet paper roll (ask your parent or guardian), and your observation notebook or paper.

**Matching Memory Cards**

Cut out the birds (after you put together your bird feeder). 2 players - Lay cards face down, turn 2 cards, if they match: you get a point and get to go again. If they don’t match, it’s next player’s turn. The most matches in the least turns wins!

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- **Red Winged Blackbird**
- **Red Winged Blackbird**
- **House Sparrow**
- **House Sparrow**
- **Mourning Dove**
- **Mourning Dove**
- **Carolina Chickadee**
- **Carolina Chickadee**
- **Blue Jay**
- **Blue Jay**
- **Cardinal**
- **Cardinal**
CRAFT: MAKE A BIRD FEEDER!

Tools you need: Pinecone, toilet paper or paper towel roll. You can also use a stale piece of bread (set a piece out overnight and it will get hard). You will also need peanut butter or honey, bird seed, & dental floss, wire, or string!

1. Select a bird feeder base! Pinecone, paper towel roll or a piece of old, stale bread.

2. Run a wire, dental floss or string through your feeder. Be sure your two ends make a loop.

3. Make it sticky! Coat the toilet paper roll or base with peanut butter or honey.

4. Add your goodies! Roll the coated paper roll in birdseed, cranberries or raisins if you have them. Birds can even eat unsalted sunflower seeds or plain popcorn!

5. Find a place to hang your birdfeeder outside. Enjoy your view!

Bird Watching!

Now that you have a bird feeder to bring the birds, grab your binoculars, sit quietly and wait for them to eat. Can you recognize what kind of birds you see?

For more BIRD fun, visit PBS Kids Video
Katerina & Daniel watch the birds make a nest!
https://pbskids.org/video/daniel-tigers-neighborhood/2365464121
Day 3: SHAPES!

Standard: Math Peg + Cat inspires preschool children to see math as exciting, accessible, and FUN. Shapes, measurements, and patterns are key to pre-math skills for future problem solvers.

Tools you’ll need: Crayons or colored pencils for the shape game below. Sidewalk chalk and rocks, leaves or sticks for our outdoor activity!

SHAPE HUNT

Peg and Cat’s world has turned black and white! They need to find all the shapes below and color them in before they leave the highlight zone!
CRAFT: TRACING SHAPES

Tools you need: Sidewalk chalk, rocks, leaves, or sticks. Be sure to put everything back where you found it when we're done.

1. Draw some shapes using sidewalk chalk on a sidewalk or patio. You can also do this activity inside on a large piece of cardboard.

2. You can draw your school using a square and a triangle, or a tall building, using a rectangle and triangle. A circle can become the sun. We can even draw a kite using a diamond!

3. Now find your sticks, leaves, or rocks and place them around your shapes on the lines. You are tracing your shapes with objects!

4. Do you recognize the shapes you made? Ask for your caregiver’s help - look for your circle, triangle, rectangle, or square. All things are made of shapes!

Color Daniel and his friends! They are made up of all different shapes!
CRAFT: FLOWER BOOKMARK

Tools you need: 2 pipe cleaners, two 1/2 pipe cleaners

1. Twist a full length pipe cleaner into flower petal shapes, looping the pipe cleaner around the middle.
2. Twist the second full pipe cleaner into flower petal shapes.
3. Twirl one of the 1/2 pipe cleaners around your finger to form a spring.
4. Stack the two flowers on top of each other, then twist the spring around the center.
5. Twist the second 1/2 pipe cleaner around the back to form the stem.

The Neighborhood Garden

Did you know that fruits and vegetables begin as seeds and grow into plants? Draw a line from the fruit or vegetable to the matching plant. Talk with your family about your favorites.
ACTIVITY: SCAVENGER HUNT

Tools you need: You will need your super powers of observation and crayons or colored pencils. Color the trolley next to the trees and flowers once you find them. All of these can likely be found within a block of your home, or even in your own backyard!

Explore nature. More FUN with Daniel Tiger’s Neighborhood!

https://www.pbs.org/parents/crafts-and-experiments/explore-nature-on-a-walk
DEMONSTRATION: SOUND

Tools you need: 3 identical drinking glasses, water, and a spoon.
Directions: Fill each glass with a different amount of water.

Sound is created by vibrations. In this experiment we are actually looking at the vibrating of the glass. When you tap the side of the glass with the spoon, the glass vibrates. When you add water to the glass, the water acts as a dampener. It causes the vibrations to slow down. When things vibrate fast, they produce a sound at a higher pitch, and when they vibrate slower, they will produce a sound with a lower pitch. With our musical water glasses, when there is more water in the glass, the pitch of the sound produced is lower because the water has caused the glass to vibrate slower. When there is a smaller amount of water in the glass, the pitch is higher because the glass is vibrating faster.
CRAFT: PAPER PLATE UKULELE

Tools you need: 3 paper plates, 1 paint stir stick, and glue (inside activity bag).
3 pieces of string, twine, or yarn 30” long (hint: put 3 pieces of paper end to end to measure - that’s 33”) and tape, crayons and color pencils.

Did you know music is one way we have to express our feelings? Different music can make us feel different.

1. Decorate the backside of two of your paper plates. These will be the “body” of your ukulele.
2. Cut a small crescent shape out of the side of one of the brown painted paper plates so that the two decorated plates will lie on top of one another.
3. Cut out and color a circle from the third plate.
4. Color the paint stir stick.
5. Glue one end of the painted ruler to the unpainted side of the uncut paper plate. Secure the back with duct tape for added stability.
6. Glue the second paper plate (with the crescent shape) on top of the stir stick and to a small part of the whole paper plate.
7. Glue the small black circle to the front, covering the point where the two plates connect.
8. Poke three small holes in the bottom plate.
9. Thread one strand of twine/yarn through the front of each hole and secure each with a knot at the back of the plate.
10. Pull your strings tight across the front of the ukulele and over the tip of the stir stick. Secure them by wrapping tape around the ruler. Make sure the tape captures the strings on the front and back of the stir stick.

Turn on your favorite music and play in the band!